

- Universal AC Input with PFC.
- Protections: Short Circuit / OLP / OVP / OTP
- 5" x 3" Compact Footprint
- Free Air Convection for 110W and 160W with 20.5 CFM forced Air Cooling
- Power Good / Fail Signal
- Built-in remote sense function for 5-15V Models
- Industrial and Medical Approvals
- Optional Stand-By Function (G Version)
- 3 Year Warranty



Specification

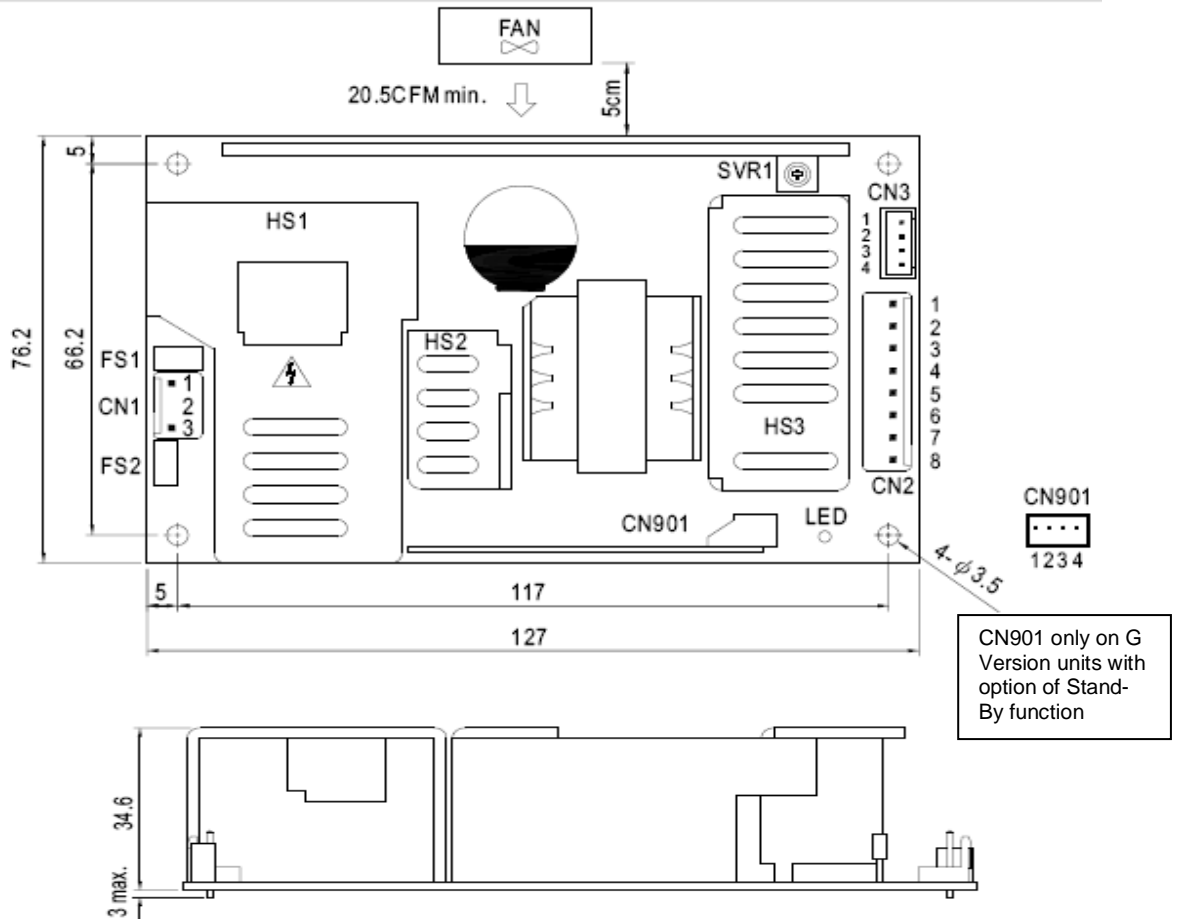
AC Input Voltage Range.....	90-264 VAC, 47-63Hz (127-370 VDC)
AC Inrush Current (max).....	Cold start, 70A @ 230 VAC
DC Output Adjustment Range.....	+/- 10%
Over Load Protection.....	105%-135% hiccup mode, auto recovery
Over Voltage Protection.....	115%-135% rated output voltage, (re-cycle mains)
Isolation Voltage.....	I/P-O/P: 4 kVAC,
Operating Temperature.....	-20 to +70°C (see derating curve)
Safety Standards.....	UL60601-1, TUV EN60601-1 approved
EMC Standards.....	EN55011 , EN55022 class B, EN61000-3-2, 3 EN61000-4-2, 3, 4, 5, 6, 8, 11 ENV50204 EN55024, EN60601-1-2, EN61204-3, Medical Level Criteria A
Connection.....	Plug in terminal block
Dimensions (L x W x H).....	127 x 76.2 x 34.6 (mm)
MTBF.....	230.5 khrs (MIL-HDBK-217F) @ 25 °C
Weight.....	0.32 kg

Models and Ratings

Model	Output Voltage	Output Current Convection	Output Current Fan Cooled	Efficiency
RPS-160-5	5 Volts	20 Amps	30 Amps	85%
RPS-160-12	12 Volts	9.1 Amps	12.9 Amps	87%
RPS-160-15	15 Volts	7.3 Amps	10.3 Amps	87%
RPS-160-24	24 Volts	4.6 Amps	6.5 Amps	87%
RPS-160-48	48 Volts	2.3 Amps	3.25 Amps	88%

For mechanical, derating & connection details see next page

Mechanical Details



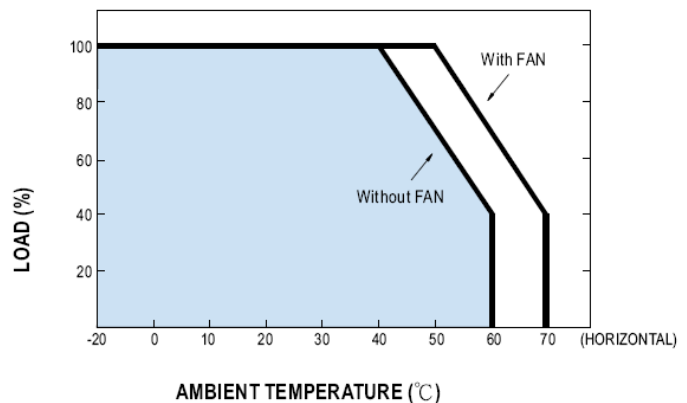
Connection Details

AC Input Connector (CN1)	
Pin Number	Function
1	AC Neutral
2	No Pin
3	AC Live

DC Output Connector (CN2)	
Pin Number	Function
1,2,3,4	+Volts Out
5,6,7,8	-Volts Out

Power Good Connector (CN3)	
Pin Number	Function
1	Power Good
2	GND
3	-Sense
4	+Sense

Derating Curve



Specifications may change without notice, E&OE. ALL PSU Terms & Conditions apply.

**ALL PSU Ltd, Unit D6 Laser Quay, Culpeper Close, Medway City Estate,
Rochester, Kent, ME2 4HU, Tel : 01634 725527, Fax : 01634 739111
Email: sales@allpsu.co.uk Web: www.allpsu.co.uk**